

## Limitwise monotonic sets of reals

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### Abstract

© 2015 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim. We extend the limitwise monotonicity notion to the case of arbitrary computable linear ordering to get a set which is limitwise monotonic precisely in the non-computable degrees. Also we get a series of connected non-uniformity results to obtain new examples of non-uniformly equivalent families of computable sets with the same enumeration degree spectrum.

<http://dx.doi.org/10.1002/malq.201400015>

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